

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FI2004/000373

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D21C9/02 D21C9/08 D21C9/153 D21C9/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/10379 A (AHLSTROM MACHINERY OY ; QVINTUS HARRI (FI); TERVOLA PEKKA (FI)) 20 March 1997 (1997-03-20) Page 2, paragraph 2 Figures 2-6, 12-14 & EP 0 856 079 A (AHLSTROM MACHINERY OY) 5 August 1998 (1998-08-05) cited in the application	1-4
Y	PERKOLA M: "The drum displacer-a new approach to brownstock washing" TAPPI JOURNAL, vol. 02, February 1989 (1989-02), pages 91-96, XP000027277 Operating principle of the DD washer Figure 1	1-4

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

29 September 2004

Date of mailing of the international search report

05/10/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	US 4 104 114 A (ROWLANDSON GORDON ET AL) 1 August 1978 (1978-08-01) abstract	1-4
X	US 4 529 479 A (TUOMI ALPO) 16 July 1985 (1985-07-16) figures 1,2 example & FI 67 894 A (RAUMA-REPOLA OY) 22 November 1983 (1983-11-22) cited in the application	1-4
A	US 5 051 195 A (HAAPAMAEMI PERTTI ET AL) 24 September 1991 (1991-09-24) the whole document	1-4
A	WO 92/22702 A (SUNDS DEFIBRATOR PORI OY) 23 December 1992 (1992-12-23) the whole document	1-4

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